	SIFICATION OF SUBJECT MATTER Cl <sup>7</sup> H01L21/301, B28D5/00, B23K	326/38, B23K101:40		
According to	o International Patent Classification (IPC) от to both па	ational classification and IPC		
B. FIELDS SEARCHED				
	ocumentation searched (classification system followed	by classification symbols)		
Int.Cl <sup>7</sup> H01L21/301, B28D5/00, B23K26/38, B23K101:40				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2003  Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003				
Electronic d	ata base consulted during the international search (nam	e of data base and, where practicable, sea	rch terms used)	
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		<u> </u>	
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
Y	JP 2002-192370 A (Hamamatsu H Kaisha),	Photonics Kabushiki	1-18	
	10 July, 2002 (10.07.02), Full text; all drawings		·	
Y	& EP 1338371 A1 JP 2002-226796 A (Hitachi Ch	omical Co. Itd )	1-18	
	14 August, 2002 (14.08.02), Par. No. [0112]; Fig. 6 (Family: none)	emical co., ncu.,,	1-10	
Y	JP 7-37840 A (NEC Corp.), 07 February, 1995 (07.02.95), Par. Nos. [0014] to [0019] (Family: none)		1-18	
Further documents are listed in the continuation of Box C. See patent family annex.				
* Special categories of cited documents:  "A" document defining the general state of the art which is not		"I" later document published after the inte priority date and not in conflict with the		
considered to be of particular relevance		understand the principle or theory und "X" document of particular relevance; the	claimed invention cannot be	
date "L" document which may throw doubts on priority claim(s) or which is		considered novel or cannot be conside step when the document is taken alone	<b>;</b>	
special reason (as specified)		"Y" document of particular relevance; the considered to involve an inventive step	when the document is	
"O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  "E" document member of the same patent family			skilled in the art	
Date of the	actual completion of the international search becember, 2003 (15.12.03)	Date of mailing of the international sear 13 January, 2004 (1		
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Japanese Patent Office		Telephone No		
Facsimile No.		Telephone No.		

## INTERNATIONAL SEARCH REPORT

International application No.
. PCT/JP03/11624

	tion). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 60-55640 A (Sanyo Electric Co., Ltd.), 30 March, 1985 (30.03.85), Page 2, upper right column, lines 1 to 18 (Family: none)	1-18
A	JP 11-221684 A (Hamamatsu Photonics Kabushiki Kaisha), 17 August, 1999 (17.08.99), (Family: none)	1-18

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